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| Effective on 12/08/2004 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).   |                    |                                      |        | Complete if Known                   |                          |                          |                   |           |  |
|---|--------------------|--------------------------------------|--------|-------------------------------------|--------------------------|--------------------------|-------------------|-----------|--|
|   |                    |                                      |        | Application Number 1                |                          | 10/539,599-Conf. #4760   |                   |           |  |
| FEE TRANSMITTAL   |                    |                                      |        | lling Date                          | ١                        | November 8, 2006         |                   |           |  |
|   |                    |                                      |        | irst Named Inv                      | entor E                  | Byeong Han JANG          |                   |           |  |
| For FY 2007   |                    |                                      |        | xaminer Name                        | ٧                        | W. Fridie                |                   |           |  |
| X Applicant claims small entity status See 37 CFR 1 27  |                    |                                      | A      | Art Unit 3722                       |                          |                          |                   |           |  |
| TOTAL AMOUNT OF PAYMENT (\$) 510.00   |                    |                                      | A      | Attorney Docket No. 3427-0139Pt     |                          |                          | 1                 |           |  |
| METHOD OF PAYMENT (check all that apply)  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Check Credit Card Money Order None Other (please identify):   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| x Deposit Account Deposit Account Number: 02-2448 Deposit Account Name; Birch, Stewart, Kolasch & Birch,  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| x Charge fee(s) indicated below Charge fee(s) indicated below except for the filing fee   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| X Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| FEE CALCULATION   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity Small Entity   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Application Ty  | <u>/pe Fee (\$</u> | Small Entity<br>) <u>Fee (\$) Fe</u> | e (\$) | Fee (S)                             | Fee (S)                  | Small Entity<br>Fee (\$) | Fees              | Paid (\$) |  |
| Utility   | 300                | 150                                  | 500    | 250                                 | 200                      | 100                      |                   |           |  |
| Design  | 200                | 100                                  | 100    | 50                                  | 130                      | 65                       |                   |           |  |
| Plant   | 200                | 100                                  | 300    | 150                                 | 160                      | 80                       |                   |           |  |
| Reissue   | 300                | 150                                  | 500    | 250                                 | 600                      | 300                      |                   |           |  |
| Provisional   | 200                | 100                                  | 0      | 0                                   | 0                        | 0                        |                   |           |  |
| 2. EXCESS CLAIM FEES Small Entity   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Fee Description<br>Each claim over  |                    |                                      |        | Fee (\$)<br>50                      | <u>Fee (\$)</u><br>25    |                          |                   |           |  |
| Each independe  |                    |                                      |        | 200                                 | 100                      |                          |                   |           |  |
| Multiple depend   |                    |                                      |        |                                     |                          | 360                      | 180               |           |  |
|   |                    |                                      |        | Paid (\$) Multiple Dependent Claims |                          |                          |                   |           |  |
| 15 - 20 = x =   |                    |                                      |        | Fee (\$)                            |                          |                          | Fee Paid (\$)     |           |  |
| HP = highest number of total claims paid for. If greater than 20  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)  2 -3 = × =   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| HP = highest number of independent claims paid for. If greater than 3   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| 3. APPLICATION SIZE FEE   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1 52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 |                    |                                      |        |                                     |                          |                          |                   |           |  |
| sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)   |                    |                                      |        |                                     |                          |                          |                   |           |  |
|   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Non-English Specification, \$130 fee (no small entity discount)   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Other (e.g., late filing surcharge): 2253 Extension for response within third month 510.00  |                    |                                      |        |                                     |                          |                          |                   |           |  |
| SUBMITTED BY , , / //   |                    |                                      |        |                                     |                          |                          |                   |           |  |
| Signature   | A                  | willhow                              |        | igistration No<br>lorney/Agent}     | 39,538                   | Telephone                | ne (703) 205-8000 |           |  |
| Name (Print/Type)   | James T Eller, Ji  | ROBER                                | TFG    | NUSE                                | ************************ | Date                     | July 19, 2007     |           |  |
| Registration # 27295  |                    |                                      |        |                                     |                          |                          |                   |           |  |

JTE/RFG/cdr Birch, Stewart, Kolasch & Birch, LLP